COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY					
COMBINED DECLARA	ATION FOR PATENT	APPLICATION AND POW	ER OF ATTORNEY		
	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office				
	ATTORNEY DOCKET NO.: 051252-5269				
As a below named inventor, I hereby declare that:					
My residence, post office	My residence, post office address and citizenship are as stated below next to my name,				
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:					
METHOD OF USING		M ANGLED ORIFICES CE DISC	IN A METERING		
the specification of which	n:				
is attached here					
	was filed as United States application Serial No. on and was amended on (if applicable); or				
□ was filed as P amended under	was filed as PCT international application Number on and was amended under PCT Article 19 on (if applicable).				
We hereby state that We have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.					
We acknowledge the duty to disclose to the U.S. Patent and Trademark Office information which is material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, §1.56.					
We hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate or §365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:					
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COUNTRY	PRIOR FOREIGN APPLICATIONS  COUNTRY APPLICATION DATE OF FILING PRIOR FOR APPLICATION				
(if PCT, indicate "PCT")	NUMBER	(day, month, year)	PRIORITY CLAIMED		
			☐ Yes ☐ No		
			☐ Yes ☐ No		

Combined Declaration For Patent Application and Power of Attorney - (Continued) (includes Reference to PCT International Applications)

application(s) and the national or PCT international filing date of this application:

ATTORNEY DOCKET NO.: 051252-5269

We hereby claim the benefits under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.

## U.S. PROVISIONAL APPLICATIONS U.S. PROVISIONAL APPLICATION NO. U.S. FILING DATE

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or §365(c) of any PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior

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PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT					EFIT	
INTERNATIONAL APPLICATION NO.		INTERNATIONAL FILING DATE				
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**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the registered practitioners of Siemens Corporation listed below and the registered practitioners of Morgan, Lewis & Bockius LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. All correspondence should be addressed to that Customer Number.

ADEL A. AHMED	I. MARC ASPERAS	STANTON C. BRADEN	JOSEPH S. CODISPOTI
REG. NO. 29,606	REG. NO. 37,274	REG. No. 32,556	REG. NO. 31,819
Lawrence C. Edelman	Mark H. Jay	ROSA S. KIM	PETER A. LUCCARELLI, JR.
Reg. No. 29,299	Reg. No. 27,507	REG. NO. 39,728	REG. NO. 29,750
JEFFREY P. MORRIS	Pasquale Musacchio	DONALD B. PASCHBURG	Laura M. Slenzak
REG. NO. 25,307	Reg. No. 36,876	REG. No. 33,753	Reg. No. 35,363
Darryl A. Smith	Daniel J. Staudt	HEATHER S. VANCE	SCOTT T. WEINGAERTNER
Reg. No. 37,723	Reg. No. 34,733	REG. NO. 39,033	REG. NO. 37,756
ROBERT A. WHITMAN	Ira. Lee Zebrak	Rashmi S. Raj	
REG. NO. 36,966	Reg. No. 31,147	Reg. No. 50,500	

Customer Number: 009629

Direct Telephone Calls To: David W. Laub (Reg. 38,708) or (202) 739-5282 Khoi Q. Ta (Reg. No. 47,300) (202) 739-5203

Combined Declaration For Patent Application and Power of Attorney - (Continued)			
(includes Reference to PCT International Applications)  ATTORNEY DOCKET NO.: 051252-5269			
We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.			
FULL NAME OF SOLE OR FIRST INVENTOR	J. Michael JOSEPH		
POST OFFICE ADDRESS	706 Ninebark Ct. Newport News, Virginia 23608	COUNTRY OF CITIZENSHIP U.S.A.	
RESIDENCE	Newport News, Virginia		
FIRST OR SOLE INVENTOR'S SIGNATUR	E J. Michael Joseph	DATE 3/05/04	
FULL NAME OF SECOND INVENTOR	Sar GRUBER		
POST OFFICE ADDRESS	1603 Burtner Road Natrona Heights, Pennsylvania 15065	COUNTRY OF CITIZENSHIP U.S.A.	
RESIDENCE	Natrona Heights, Pennsylvania		
SECOND INVENTOR'S SIGNATURE		DATE	
FULL NAME OF THIRD INVENTOR			
POST OFFICE ADDRESS		COUNTRY OF CITIZENSHIP	
RESIDENCE			
THIRD INVENTOR'S SIGNATURE		DATE	
FULL NAME OF FOURTH INVENTOR			
POST OFFICE ADDRESS		COUNTRY OF CITIZENSHIP	
RESIDENCE			
FOURTH INVENTOR'S SIGNATURE		DATE	

Listing of Inventors Continued on Attached Page(s) 

☑ No ☐ Yes

## COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office ATTORNEY DOCKET NO.: 051252-5269 As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original. first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHOD OF USING A TOOL TO FORM ANGLED ORIFICES IN A METERING **ORIFICE DISC** the specification of which: $\boxtimes$ is attached hereto; or was filed as United States application Serial No. on \_\_\_\_\_ and was amended on (if applicable); or was filed as PCT international application Number \_\_\_\_\_ on \_\_\_\_ and was amended under PCT Article 19 on (if applicable). We hereby state that We have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. We acknowledge the duty to disclose to the U.S. Patent and Trademark Office information which is material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, §1.56. We hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate or §365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed: PRIOR FOREIGN APPLICATIONS COUNTRY APPLICATION DATE OF FILING PRIORITY CLAIMED (if PCT, indicate "PCT") .NUMBER (day, month, year) □ No ☐ Yes ☐ Yes □ No

Combined Declaration For Pa (includes Reference to PCT In			of Attorney - (Cor	ıtinued)	
			ATTORNE	Y DOCKET N	NO.: 051252-5269
We hereby claim the be provisional application(		United	States Code §119(	(e) of any Unit	ted States
	U.S. PROVISIO	NAL A	PPLICATIONS		
U.S. PROVISIONAL AP				FILING DATE	3
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We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or §365(c) of any PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:					
	PRIOR U.S. APPLIC	CATIO	NS FOR BENEFIT		
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	IONAL APPLICATION	NS DES			
INTERNATIONAL APPI	LICATION NO.	_	INTERNATIO	ONAL FILING	DATE
	74			3-45-00000000	
POWER OF ATTORNEY: As a named inventor, I hereby appoint the registered practitioners of Siemens Corporation listed below and the registered practitioners of Morgan, Lewis & Bockius LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. All correspondence should be addressed to that Customer Number.					
ADEL A. AHMED REG. No. 29,606	I. Marc Asperas Reg. No. 37,274	-	Stanton C. Braden Reg. No. 32,556	JOSEPH S. REG. NO. 3	Codispoti 31,819
Lawrence C. Edelman Reg. No. 29,299	Mark H. Jay Reg. No. 27,507		Rosa S. Kim Reg. No. 39,728	PETER A. I REG. NO. 2	LUCCARELLI, JR. 29,750
Jeffrey P. Morris Reg. No. 25,307	Pasquale Musacchio Reg. No. 36,876	1	DONALD B. PASCHBURG REG. No. 33,753	Laura M. Reg. No. 3	35,363
Darryl A. Smith Reg. No. 37,723 Robert A. Whitman	Daniel J. Staudt Reg. No. 34,733 Ira. Lee Zebrak	]	Heather S. Vance Reg. No. 39,033 Rashmi S. Raj	SCOTT T. V REG. NO. 3	VEINGAERTNER 37,756
REG. No. 36,966	REG. No. 31,147	I	REG. No. 50,500		
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David W. Laub (Reg. 38,708) (202) 739-5282

or

Khoi Q. Ta (Reg. No. 47,300) (202) 739-5203

	r Patent Application and Power of Attorney - (Continued) T International Applications)		
(includes Reference to PCT International Applications)  ATTORNEY DOCKET NO.: 051252-5269			
on information and belief a knowledge that willful fals under Section 1001 of Titl	statements made herein of my own knowledge are true and that all are believed to be true; and further that these statements were made se statements and the like so made are punishable by fine or impriso to 18 of the United States Code, and that such willful false statement ion or any patent issuing thereon.	with the nment, or both,	
FULL NAME OF SOLE OR FIRST INVENTOR	J. Michael JOSEPH		
POST OFFICE ADDRESS	706 Ninebark Ct. Newport News, Virginia 23608	COUNTRY OF CITIZENSHIP U.S.A.	
RESIDENCE	Newport News, Virginia		
FIRST OR SOLE INVENTOR'S SIGNATUR	E	DATE	
FULL NAME OF SECOND INVENTOR	Sam GRUBER		
POST OFFICE ADDRESS	1603 Burtner Road Natrona Heights, Pennsylvania 15065	COUNTRY OF CITIZENSHIP U.S.A.	
RESIDENCE	Natrona Heights, Pennsylvania		
SECOND INVENTOR'S SIGNATURE	Samuel A. Aruber	MARCH 11,2004	
FULL NAME OF THIRD INVENTOR			
POST OFFICE ADDRESS		COUNTRY OF CITIZENSHIP	
RESIDENCE			
THIRD INVENTOR'S SIGNATURE		DATE	
FULL NAME OF FOURTH INVENTOR			
POST OFFICE ADDRESS		COUNTRY OF CITIZENSHIP	
RESIDENCE			
FOURTH INVENTOR'S SIGNATURE		DATE	

Listing of Inventors Continued on Attached Page(s) ⊠ No ☐ Yes